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EXAMINER

PARTHASARATHY, PRAMILA

ART UNIT PAPER NUMBER

2136

DATE MAILED: 10/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

10/067,633

**Applicant(s)**

CHEOL-SHIN ET AL.

**Examiner**

Pramila Parthasarathy

**Art Unit**

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 07 May 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☒ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

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## **DETAILED ACTION**

### ***Priority***

1. Acknowledgment is made of applicant's claim for foreign priority based on an application filed in Republic of Korea on 6/24/200. It is noted, however, that applicant has not filed a certified copy of the 2000/0047930, 2000/0030570, PCT/KR00/01036 or PCT/KR00/00662 application(s) as required by 35 U.S.C. 119(b).

### ***Specification***

2. The abstract of the disclosure is objected to because "tow" should be replaced by "two" on line 4 of Abstract (filled on 2/4/2002). Correction is required. See MPEP § 608.01(b).

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1 – 20 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

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The claims are generally narrative and indefinite, failing to conform with current U.S. practice. They appear to be a literal translation into English from a foreign document and are replete with grammatical and idiomatic errors.

The examiner will interpret the claims as best understood for applying the appropriate art for rejection purposes.

4. The term "substantially" in claims 3 and 20 is a relative term, which renders the claim indefinite. The term "substantially" is not defined by the claim, the specification does not provide a standard for ascertaining the requisite degree, and one of ordinary skill in the art would not be reasonably apprised of the scope of the invention.

***Claim Rejections - 35 USC § 102***

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1- 20 are rejected under 35 U.S.C. 102(b) as being anticipated by Barber et al. (U.S. Patent Number 5,777,615).

6. Regarding Claim 1, Barber teaches displaying at least two of character values on a screen of said display unit, where each of said at least two of character values can be identified from each other (Column 2 line 65 – Column 3 line 18 and Column 11 line 51 – Column 12 line 34);

displaying multiple pointers on said screen of said display unit, where said

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multiple pointers comprise at least two of pointers, each of which can be identified from the other (Column 2 line 65 – Column 3 line 18 and Column 11 line 51 – Column 12 line 34);

moving at least two of pointers out of said multiple pointers on said screen of said display unit in response to a first event detected by said event detecting unit (Column 2 line 65 – Column 3 line 18 and Column 11 line 51 – Column 12 line 34); and

recording information on said multiple pointers in response to a second event detected by said event detecting unit (Column 2 line 65 – Column 3 line 18 and Column 11 line 51 – Column 12 line 34).

7. Regarding Claim 16, Barber teaches displaying at least two of character values on a screen of said display unit, where each of said at least two of character values can be identified from the other (Column 2 line 65 – Column 3 line 18 and Column 11 line 51 – Column 12 line 34);

changing at least one of character values out of said at least two of character values in response to a first event detected by said event detecting unit (Column 2 line 65 – Column 3 line 18 and Column 11 line 51 – Column 12 line 34); and

recording information on said character values in response to a second event detected by said event detecting unit (Column 2 line 65 – Column 3 line 18 and Column 11 line 51 – Column 12 line 34).

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8. Regarding Claim 18, Barber teaches an event detecting unit for detecting an event; a display unit; a means for displaying at least two of character values on a screen of said display unit, where each of said at least two of character values can be identified from each other (Column 2 line 65 – Column 3 line 18 and Column 11 line 51 – Column 12 line 34);

a means for displaying multiple pointers on said screen of said display unit, where said multiple pointers comprise at least two of pointers, each of which can be identified from each other (Column 2 line 65 – Column 3 line 18 and Column 11 line 51 – Column 12 line 34);

a means for moving at least two of pointers out of said multiple pointers on said screen of said display unit in response to a first event detected by said event detecting unit (Column 2 line 65 – Column 3 line 18 and Column 11 line 51 – Column 12 line 34); and

a means for recording information on said multiple pointers in response to a second event detected by said event detecting unit (Column 2 line 65 – Column 3 line 18 and Column 11 line 51 – Column 12 line 34).

9. Claims 2 and 19 are rejected as applied above in rejecting claims 1 and 18. Furthermore, Barber teaches wherein said at least two of pointers are respectively identified by at least two of identification signs, each of which can be identified from each other (Column 2 line 65 – Column 3 line 18 and Column 11 line 51 – Column 12 line 34).

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**10.** Claims 3 and 20 are rejected as applied above in rejecting claims 1 and 18.

Furthermore, Barber teaches wherein said at least two of pointers are formed to be substantially identical in appearance, and each of said at least two of pointers is identified from each other by its display location on said screen of said display unit at a predetermined point of time (Column 2 line 65 – Column 3 line 18 and Column 11 line 51 – Column 12 line 34).

**11.** Claims 4 and 5 are rejected as applied above in rejecting claim 1. Furthermore, Barber teaches wherein said recording information on said multiple pointers is performed by recording information on a display location of at least one of said multiple pointers on said screen of said display unit (Column 2 line 65 – Column 3 line 18 and Column 11 line 51 – Column 12 line 34).

**12.** Claims 6 and 7 are rejected as applied above in rejecting claims 1 and 2. Furthermore, Barber teaches further comprising displaying a reference table for designating at least one of said at least two of pointers (Column 2 line 65 – Column 3 line 18 and Column 11 line 51 – Column 12 line 34).

**13.** Claims 8 and 9 are rejected as applied above in rejecting claims 1 and 2. Furthermore, Barber teaches comprising transferring a reference table for designating at least one of said at least two of pointers through a separate communication means (Column 11 line 51 – Column 12 line 34 and Column 13 line 48 – Column 14 line 33).

**14.** Claim 13 is rejected as applied above in rejecting claim 1. Furthermore, Barber teaches comprising retrieving a character value designated by a predetermined pointer of said multiple pointers when said information on said multiple pointers is recorded (Column 11 line 51 – Column 12 line 34 and Column 13 line 48 – Column 14 line 33).

**15.** Claims 14 and 15 are rejected as applied above in rejecting claim 1. Furthermore, Barber teaches wherein said event detecting unit comprises a displacement detecting unit for detecting a displacement of a predetermined object and an input key; wherein said first event is an operation of said displacement detecting unit detecting a displacement of said predetermined object; and wherein said second event is an operation of receiving a key input from said input key (Column 11 line 51 – Column 12 line 34 and Column 13 line 48 – Column 14 line 33).

**16.** Claims 10, 11 and 12 are rejected as applied above in rejecting claims 6, 8 and 7. Furthermore, Barber teaches wherein said reference table comprises at least two of identifiers for identifying said at least two of identification signs and at least two of index values for referring to said identifiers (Column 11 line 51 – Column 12 line 34 and Column 13 line 48 – Column 14 line 33).

**17.** Claim 17 is rejected as applied above in rejecting claim 16. Furthermore, Barber teaches comprising setting at least two of character areas on said screen of said display unit before said displaying at least two of character values, wherein said at least two of



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character areas can be identified from another one(s), and wherein said displaying at least two of character values is performed by displaying said at least two of character values on said at least two of character areas, respectively (Column 11 line 51 – Column 12 line 34 and Column 13 line 48 – Column 14 line 33).

### ***Conclusion***

**23.** Examiner's Note: Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant.

Although the specified citations are representative of the teachings in the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant, in preparing the responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the examiner.

**24.** The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See PTO Form 892.

Applicant is urged to consider the references. However, the references should be evaluated by what they suggest to one versed in the art, rather than by their specific

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disclosure. If applicants are aware of any better prior art than those are cited, they are required to bring the prior art to the attention of the examiner.

**25.** Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pramila Parthasarathy whose telephone number is 571-272-3866. The examiner can normally be reached on 8:00a.m. To 5:00p.m.. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 571-232-3795. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR only. For more information about the PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Pramila Parthasarathy

October 01, 2005.

  
AYAZ SHEIKH  
SUPERVISORY PATENT EXAMINER  
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